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<b>FAX TRANSMISSION</b>		<b>URGENT</b>
DATE: December 19, 2005		
PTO IDENTIFIER: Application Number 08/728,463-Conf. #2701 ALLOWED SEPTEMBER 20, 2005 ISSUE FEE DUE DECEMBER 20, 2005***		
Inventor: Nils Lonberg et al.		
MESSAGE TO:	US Patent and Trademark Office Examiner P. J. Nolan <u>C/O SUPERVISOR: CHRISTINA CHAN</u> Art Unit 1644	
FAX NUMBER:	(571) 273-8300	
FROM: DARBY & DARBY P.C. Jeffrey C. Pepe		
PHONE: (206) 262-8911		
Attorney Dkt. #: 04280/1201643-US2		
PAGES (Including Cover Sheet): 24		
CONTENTS:	<p>COPY of Auto-Reply Fax Transmission (1 page)</p> <p>RESENDING:</p> <ul style="list-style-type: none"><li>Fax Transmission page (1 page)</li><li>Certificate of Transmission (1 page)</li><li>Transmittal (1 page)</li><li>Request For Acknowledgment Of Previously Submitted Information Disclosure Statement (IDS) (2 pages)</li><li>Copy of IDS Postcard (1 page)</li><li>Copy of IDS of 01/24/97 (2 pages)</li><li>Copy of PTO-1449 (12 pages)</li><li>Copy of References Sent Postcard (1 page)</li><li>Copy of Transmittal of References Sent on 03/09/01 (1 page)</li></ul> <p>Dear Ms. Chan - Further to my voice mail message of today, we ask that this IDS be signed off and returned via facsimile by Tuesday, 12/20/05 so that we may pay the issue fee in this application. Your help in this matter is greatly appreciated.</p>	
<p>If your receipt of this transmission is in error, please notify this firm immediately by collect call to sender at (206) 262-8911 and send the original transmission to us by return mail at the address below.</p> <p>This transmission is intended for the sole use of the individual and entity to whom it is addressed, and may contain information that is privileged, confidential and exempt from disclosure under applicable law. You are hereby notified that any dissemination, distribution or duplication of this transmission by someone other than the intended addressee or its designated agent is strictly prohibited.</p> <p>DARBY &amp; DARBY P.C. P.O. Box 5257, New York, New York 10150-5257 Telephone: (206) 262-8900 Facsimile: (212) 527-7701</p>		

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Cover  
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<b>FAX TRANSMISSION</b>	
DATE: October 28, 2005	
PTO IDENTIFIER: Application Number 09/728,463-Conf. #2701 ALLOWED SEPTEMBER 20, 2005	
Inventor: Nils Lohberg et al.	
MESSAGE TO: US Patent and Trademark Office Examiner P. J. Nolan Art Unit 1644	
FAX NUMBER: (571) 273-8300	
FROM: DARBY & DARBY P.C. Jeffrey C. Pepe	
PHONE: (206) 262-8911	
Attorney Del. #: 04280/1201643-A-52	
PAGES (including Cover Sheet): 22	
CONTENTS:	Certificate of Transmission (1 page) Transmittal (1 page) Request For Acknowledgment Of Previously Submitted Information Disclosure Statement (IDS) (2 pages) Copy of IDS Postcard (1 page) Copy of IDS of 01/24/02 (2 pages) Copy of PTO-1449 (12 pages) Copy of References Sem Postcard (1 page) Copy of Transmittal of References Sent on 03/09/01 (1 page) PLEASE DELIVER TO EXAMINER NOLAN AS SOON AS POSSIBLE
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(S:10428011201643-us-2160040916,DOC 33/FBI/EPH/28.111)

PAGE 1/22 \* RCVD AT 12/19/2005 5:08:56 PM [Eastern Standard Time] \* SVR:USPTO-EFAXF-6/33 \* DNIS:2738300 \* CSID:2062628901 \* DURATION (mm-ss):10-12



PTO/SB/97 (09-04)

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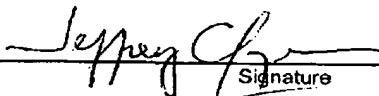
Application No. (if known): 08/728,463

Attorney Docket No.: 04280/1201643-US2

## Certificate of Transmission under 37 CFR 1.8

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Signature

Jeffrey C. Pepe

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46,985

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Transmittal (1 page)

**Request For Acknowledgment Of Previously Submitted Information****Disclosure Statement (IDS) (2 pages)**

Copy of IDS Postcard (1 page)

Copy of IDS of 01/24/97 (2 pages)

Copy of PTO-1449 (12 pages)

Copy of References Sent Postcard (1 page)

Copy of Transmittal of References sent of 03/09/01 (1 page)

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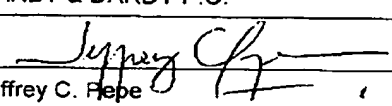
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<h1 style="text-align: center;">TRANSMITTAL FORM</h1> <p style="text-align: center;">(to be used for all correspondence after initial filing)</p>		Application Number	08/728,463-Conf. #2701
		Filing Date	October 10, 1996
		First Named Inventor	Nils Lonberg
		Art Unit	1644
		Examiner Name	P. J. Nolan
Total Number of Pages in This Submission	22	Attorney Docket Number	04280/1201643-US2

## ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): See Remarks below
Remarks Request for Acknowledgement of IDS (2 pp), Copy IDS Postcard (1 page), Copy IDS of 1/24/97 (2 pages), Copy of PTO-1449 (12 pages), Copy of Refs Sent Postcard (1 page), Copy of Transmittal of Refs Sent (1 page), Certificate of Facsimile Transmittal (1 page), Fax Cover (1 page)		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	DARBY & DARBY P.C.		
Signature			
Printed name	Jeffrey C. Pepe		
Date	October 28, 2005	Reg. No.	46,985

{S:\04280\1201643-us2\80041750.DOC [REDACTED] }

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Docket No.: 04280/1201643-US2  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Nils Lonberg et al.

**Allowed: September 20, 2005**

Application No.: 08/728,463

Confirmation No.: 2701

Filed: October 10, 1996

Art Unit: 1644

For: TRANSGENIC NON-HUMAN ANIMALS  
FOR PRODUCING HETEROLOGOUS  
ANTIBODIES

Examiner: P. J. Nolan

**REQUEST FOR ACKNOWLEDGMENT OF PREVIOUSLY SUBMITTED**  
**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Commissioner:

This application has been allowed and the issue fee is due December 20, 2005.

It has come to our attention that the Form PTO-1449 (12 pages) submitted with the initial Information Disclosure Statement (IDS) in the instant application, has not yet been acknowledged.

The IDS, Form PTO-1449, and 5 references were mailed on January 24, 1997 and received by the U.S. Patent and Trademark Office (USPTO) on January 28, 1997 (please see attached copy of return receipt postcard). The USPTO PAIR system shows that the IDS was filed, and a copy of the 2 pages of IDS appears on the Image File Wrapper on PAIR. However, a copy of the 12 pages of PTO-1449 does not appear on the Image File Wrapper for this application, nor do the 5 references submitted.

{S:\04280\1201643-us2\80040918.DOC 10222005 10222005 10222005 10222005 }

Request For Acknowledgment Of Previously  
Submitted Information Disclosure Statement (IDS)  
Application No.: 08/728,463

2

Docket No.: 04280/1201643-US2


Our records also show that copies of these references were forwarded to Examiner Amy Decloux on March 9, 2001 and received by the USPTO on March 15, 2001 (see attached copy of Return Receipt Postcard and Transmittal form).

Accordingly, Applicants respectfully request that the 12 pages of PTO-1449, originally submitted January 28, 1997 (as noted above and enclosed herewith), be reviewed by the Examiner and acknowledged.

Applicants appreciate the Examiner's prompt response to this submission.

Dated: October 28, 2005

Respectfully submitted,

By   
Jeffrey C. Repe  
Registration No.: 46,985

DARBY & DARBY P.C.  
P.O. Box 5257  
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Attorneys/Agents For Applicant

{S:\04280\1201643-us2\80040918.DOC USPTO\EPXRF\6\33\2738300\CSID:2062628901\10-12}

**COPY**APPLICANT **J. S. LONBERG et al.**Title: **TRANSGENIC NON-HUMAN ANIMALS FOR  
PRODUCING HETEROLOGOUS ANTIBODIES**Serial No: **08/728,463** Filed: **October 10, 1995**Fee (if any) **\$0.00** Check Enclosed ☐ Yes ☒ No

Certificate of Mailing:

First Class ☐ Express Mail label no. \_\_\_\_\_Kindly stamp receipt date and mail to acknowledge receipt of  
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1. Information Disclosure Statement Under 37 CFR §1.97 and §1.98

2. Form PTO-1449 listing references A1-C101

3. 5 References

4. Postcard

Due Date: \_\_\_\_\_

Date Mailed: **1/24/97**Atty/Secy **RTA/dmv**File No.: **014643-009020US**



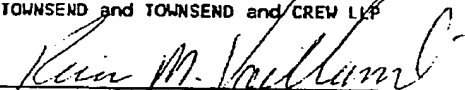
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on

1/24/97

TOWNSEND and TOWNSEND and CREW LLP

By

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Attorney Docket No. 014643-009020US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

NILS LONBERG et al.

Application No.: 08/728,463

Filed: 10 October, 1996

For: TRANSGENIC NON-HUMAN  
ANIMALS FOR PRODUCING  
HETEROLOGOUS ANTODIES

Examiner: UNASSIGNED

Art Unit: UNASSIGNED

INFORMATION DISCLOSURE  
STATEMENT UNDER37 CFR §1.97 and §1.98Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The disclosures cited on attached form PTO-1449 are being called to the attention of the Examiner. Copies of some of the disclosures (references A1-C96) are not being provided pursuant to 37 C.F.R. 1.98(d), as those disclosures have been previously cited by or submitted to the Patent Office in prior applications Serial Nos. 07/810,279, 07/853,408, 08/161,739, 08/165,699, 08/096,762, 08/352,322, and 08/209,741, to which the above identified application claims priority.

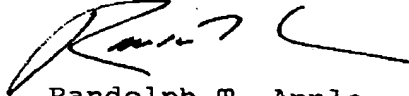
This information disclosure statement is being filed before the mailing date of the first office action on the merits.

Niels LONGBERG et al.  
Application No.: 08/728,463  
Page 2

PATENT

It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the disclosures be made of record therein and appear among the "references cited" on any patent to issue therefrom.

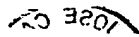
Respectfully submitted,



Randolph T. Apple  
Reg. No. 36,429

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, 8th Floor  
San Francisco, California 94111-3834  
(415) 576-0200  
Fax (415) 576-0300  
RTA:dmv

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Mailing Date:	March 9, 2001	First Class Mail
File No.:	014643-009020us	Attorney: ATS/ksj
Application No.:	08/728,463	Filed: October 10, 1996
Inventor(s):	LONBERGet al..	<b>MAR 29 2001</b>
Title:	TRANSGENIC NON-HUMAN ANIMALS FOR PRODUCING HETEROLOGOUS ANTIBODIES	

References cited in the Information Disclosure Statement previously filed and referenced in the parent case, application no. 08/352,322

PA 3131964 v1

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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	08/728,463	
	Filing Date	October 10, 1996	
	First Named Inventor	Lonberg, Nils, et. al.	
	Group Art Unit	1644	
	Examiner Name	DeCloux, Amy	
Total Number of Pages in This Submission	3	Attorney Docket Number	14643009020

ENCLOSURES (check all that apply)		
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Remarks		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm and Individual name	Townsend and Townsend and Crew LLP Andrew T. Serafini	Reg No. 41,303
Signature	<i>Andrew T. Serafini</i>	
Date	030901	

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: <span style="border: 1px solid black; display: inline-block; width: 150px; height: 15px;"></span>			
Typed or printed name	Mary Bernstein	Date	3-9-01
Signature	<i>Mary Bernstein</i>		

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v

FORM PTO-1449 (Modified)

LIST OF PATENTS AND PUBLICATIONS  
FOR APPLICANT'S INFORMATION  
DISCLOSURE STATEMENT  
(Use Several Sheets if Necessary)

PAGE 1 OF 12

Attorney Docket No.  
14643-009000

Serial No.  
08/352,322

Applicant  
NILS LONBERG and ROBERT M. KAY

Filing Date  
December 7, 1994

Group  
1804

Reference DesignationU.S. PATENT DOCUMENTS

Examiner

File Date

Initial	Document No.	Date	Name	Class	Subcl:	If Approp
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_____	A1	4,204,244	04/20/93	Fell et al.	435	
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_____	A2	5,175,384	12/29/92	Krimpenfort	800	
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_____	A3	5,434,340	07/18/95	Krimpenfort	800	
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**COPY**FOREIGN PATENT DOCUMENTS

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Document No.	Date	Country	Class	Subcl:	Yes	No
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_____	B1	EP 0 315 062	05/10/89	EP		
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_____	B2	WO 90/04036	04/19/90	PCT		
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_____	B3	WO 90/12878	11/01/90	PCT		
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_____	B4	WO 92/03918	03/19/92	PCT		
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_____	B5	WO 91/10741	07/25/91	PCT		
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_____	B6	WO 91/00906	01/24/91	PCT		
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

_____	C1	Alt et al., Immunoglobulin genes in transgenic mice, TIG - August 1985				
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_____	C2	Berman et. al., Content and organization of the human Ig V <sub>H</sub> locus: definition of three new V <sub>H</sub> families and linkage to the Ig C <sub>H</sub> locus, The EMBO J. 7:727-738 (1988)				
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_____	C3	Berton et. al., Synthesis of germ-line $\gamma$ 1 immunoglobulin heavy-chain transcripts in resting B cells: Induction by interleukin 4 and inhibition by interferon $\gamma$ , Proc. Natl. Acad. Sci. (U.S.A) 86:2829-2833 (1989)				
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_____	C4	Bollag et al., Homologous recombination in mammalian cells, Annu. Rev. Genet. 23:199-225 (1989)				
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EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)

LIST OF PATENTS AND PUBLICATIONS  
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DISCLOSURE STATEMENT  
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PAGE 3 OF 11

Attorney Docket No.  
14643-009000Serial No.  
08/352,322Applicant  
NILS LONBERG and ROBERT M. KAYFiling Date  
December 7, 1994Group  
1804OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

- \_\_\_\_\_ C5 Bruggemann et al., Human antibody production in transgenic mice: expression from 100 kb of the human IgH locus, Eur. J. Immunol. 21:1323-1326 (1991)
- \_\_\_\_\_ C5(i) Bruggemann et al., A repertoire of monoclonal antibodies with human heavy chains from transgenic mice, Proc. Natl. Acad. Sci. USA 86:6709-6713 (1989)
- \_\_\_\_\_ C6 Bucchini et al., Rearrangement of a chicken immunoglobulin gene occurs in the lymphoid lineage of transgenic mice, Nature 326:409-411 (1987)
- \_\_\_\_\_ C7 Capecchi, The new mouse genetics: Altering the genome by gene targeting, TIG 5:70-76 (1989)
- \_\_\_\_\_ C8 Capecchi, Altering the genome by homologous recombination, Science 244:1288-1292 (1989)
- \_\_\_\_\_ C9 Coffman et. al., T cell activity that enhances polyclonal IgE production and its inhibition by interferon- $\gamma$ , J. Immunol. 136:949-954 (1986)
- \_\_\_\_\_ C10 Coffman et al., A mouse T cell product that preferentially enhances IgA production, J. Immunol. 139:3685-3690 (1987)
- \_\_\_\_\_ C11 Doetschman et al., Targetted correction of a mutant HPRT gene in mouse embryonic stem cells, Nature 330:576-578 (1987)
- \_\_\_\_\_ C12 Durdik et al., Isotype switching by a microinjected  $\mu$  immunoglobulin heavy chain gene in transgenic mice, Proc. Natl. Acad. Sci. USA 86:2346-2350 (1989)
- \_\_\_\_\_ C13 Esser and Radbruch, Rapid induction of transcription of unrearranged S $\gamma$ 1 switch regions in activated murine B cells by interleukin 4, The EMBO J. 8:483-488 (1989)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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PAGE 3 OF 11

Attorney Docket No.  
14643-009000

Serial No.  
08/352,322

Applicant  
NILS LONBERG and ROBERT M. KAY

Filing Date  
December 7, 1994

Group  
1804

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

- \_\_\_\_\_ C13(i) Ferrier et al., Separate elements control DJ and VDJ rearrangement in a transgenic recombination substrate, The EMBO J. 9:117-125 (1990)
- \_\_\_\_\_ C14 Forni, extensive splenic B cell activation in IgM-transgenic mice, Eur. J. Immunol. 20:983-989 (1990)
- \_\_\_\_\_ C15 Gerstein et al., Isotype switching of an immunoglobulin heavy chain transgene occurs by dna recombination between different chromosomes, Cell 63:537-548 (1990)
- \_\_\_\_\_ C16 Goodhardt et al., Rearrangement and expression of rabbit immunoglobulin  $\kappa$  light chain gene in transgenic mice, Proc. Natl. Acad. Sci. (U.S.A.) 84:4229-4233 (1987)
- \_\_\_\_\_ C17 Gordon, Transgenic mice in immunology, The Mount Sinai Journal of Medicine 53:223-231 (1986)
- \_\_\_\_\_ C18 Hagman et al., Inhibition of immunoglobulin gene rearrangement by the expression of a  $\lambda 2$  transgene, J. Exp. Med. 169:1911-1929 (1989)
- \_\_\_\_\_ C19 Ichihard et al., Organization of human immunoglobulin heavy chain diversity gene loci, The EMBO J. 7:4141-4150 (1988)
- \_\_\_\_\_ C20 Iglesias et al., Expression of immunoglobulin delta chain causes allelic exclusion in transgenic mice, Nature 330:482-484 (1987)
- \_\_\_\_\_ C21 James and Bell, Human monoclonal antibody production current status and future prospects, J. of Immunol. Methods 100:5-40 (1987)
- \_\_\_\_\_ C22 Jasin and Berg, Homologous integration in mammalian cells without target gene selection, Genes & Development 2:1353-1363 (1988)

EXAMINERDATE CONSIDERED

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

- \_\_\_\_\_ C23 Kenny et al., Alternation of the B cell surface phenotype, immune response to phosphocholine and the B cell repertoire in M167  $\alpha$  plus  $\kappa$  transgenic mice, J. of Immunol. 142:4466-4474 (1989)
- \_\_\_\_\_ C22(i) Jung et al., Shutdown of class switching recombination by deletion of a switch region control element, Science 259:984-987 (1993)
- \_\_\_\_\_ C24 Kitamura et al., A B cell-deficient mouse by targeted disruption of the membrane exon of the immunoglobulin  $\mu$  chain gene, Nature 350:423-426 (1991)
- \_\_\_\_\_ C25 Koller and Smithies, Inactivating the  $\beta_2$ -microglobulin locus in mouse embryonic stem cells by homologous recombination, Proc. Natl. Acad. Sci. USA 86:8932-8935 (1989)
- \_\_\_\_\_ C26 Lin et al., Recombination in mouse L cells between DNA introduced into cells and homologous chromosomal sequences, Proc. Natl. Acad. Sci. USA 82:1391-1395 (1985)
- \_\_\_\_\_ C27 Linton et al., Primary antibody-forming cells secondary B cells are generated from separate precursor cell subpopulations, Cell 59:1049-1059 (1989)
- \_\_\_\_\_ C28 Lo et al., Expression of mouse IgA by transgenic mice, pigs and sheep, Eur. J. Immunol. 21:1001-1006 (1991)
- \_\_\_\_\_ C29 Lorenz et al., Physical map of the human immunoglobulin k locus and its implications for the mechanisms of  $V_K$ - $J_K$  rearrangement, Nucl. Acids Res. 15:9667-9676 (1987)
- \_\_\_\_\_ C30 Lutzker and Alt, Structure and expression of germ line immunoglobulin  $\gamma 2b$  transcripts, Mol. Cell Biol. 8:1849-1852 (1988)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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December 7, 1994Group  
1804OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

- \_\_\_\_\_ C31 Mansour et al., Disruption of the proto-oncogene int-2 in mouse embryo-derived stem cells: a general strategy for targeting mutations to non-selectable genes, Nature 336:348-352 (1988)
- \_\_\_\_\_ C32 Mills et.al., Sequences of human immunoglobulin switch regions: implications for recombination and transcription, Nucl. Acids. Res. 18:7305-7316 (1991)
- \_\_\_\_\_ C34 Mills et al., DNase I hypersensitive sites in the chromatin of human  $\mu$  immunoglobulin heavy-chain genes, Nature 306:809-812 (1983)
- \_\_\_\_\_ C35 Mowatt et. al., DNA sequence of the murine  $\gamma$ 1 switch segment reveals novel structural elements, J.Immunol. 136:2674-2683 (1986)
- \_\_\_\_\_ C36 Muller et al., Membrane-bound IgM Obstructs B cell development in transgenic mice, Eur. J. Immunol. 19:923-928 (1989)
- \_\_\_\_\_ C37 Murray & Szostak, Construction of artificial chromosomes in yeast, Nature 305:189-193 (1983)
- \_\_\_\_\_ C38 Neuberger et al., Isotype exclusion and transgene down-regulation in immunoglobulin- $\lambda$  transgenic mice, Nature 338:350-352 (1989)
- \_\_\_\_\_ C39 Nikaido et al., Nucleotide sequences of switch regions of immunoglobulin C and C genes and their comparison, J. Biol. Chem. 257:7322-7329 (1982)
- \_\_\_\_\_ C40 Nikaido et al., Switch region of immunoglobulin C $\mu$  gene is composed of simple tandem repetitive sequences, Nature 292:845-848 (1981)

EXAMINERDATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)

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December 7, 1994Group  
1804OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

- \_\_\_\_\_ C41 Nussenzweig et al., A human immunoglobulin gene reduces the incidence of lymphomas in c-Myc-bearing transgenic mice, Nature 336:446-450 (1988)
- \_\_\_\_\_ C41(i) Nussenzweig et al., Allelic exclusion in transgenic mice carrying mutant human IgM genes J. Exp. Med. 167:1969 (1988)
- \_\_\_\_\_ C42 Oettinger et al., RAG-1 and RAG-2, adjacent genes that synergistically activate V(D)J recombination, Science 248:1517-1523 (1990)
- \_\_\_\_\_ C43 Petters, transgenic mice in immunological research, Vet. Immunol. Immunopath. 17:267-278 (1987)
- \_\_\_\_\_ C44 Rabbits et. al., Human immunoglobulin heavy chain genes: evolutionary comparisons of C $\mu$ , C $\delta$  and C $\gamma$  genes and associated switch sequences, Nucl. Acids Res. 9:4509-4524 (1981)
- \_\_\_\_\_ C45 Rath et al., Quantitative analysis of idiotypic mimicry and allelic exclusion in mice with a  $\mu$  Ig Transgene, J. of Immunol. 143:2074-2080 (1989)
- \_\_\_\_\_ C46 Rath et al., B cell abnormalities induced by a  $\mu$  ig transgene extend to L chain isotype usage, J. of Immunol. 146:2841 (1991)
- \_\_\_\_\_ C47 Ravetch et al., Evolutionary approach to the question of immunoglobulin heavy chain switching: Evidence from cloned human and mouse genes, Proc. Natl. Acad. Sci. (U.S.A.) 77:6734-6738 (1980)
- \_\_\_\_\_ C48 Reid et al., A single DNA response element can confer inducibility by both  $\alpha$ - and  $\gamma$ -interferons, Proc. Natl. Acad. Sci. (U.S.A.) 86:840-844 (1989)
- \_\_\_\_\_ C49 Ritchie et al., Allelic exclusion and control of endogenous immunoglobulin gene rearrangement in  $\kappa$  transgenic mice, Nature 312:517-520 (1984)

EXAMINERDATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)

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Filing Date  
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1804OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

- \_\_\_\_\_ C50 Rothman et al., Structure and expression of germline immunoglobulin  $\gamma 3$  heavy chain gene transcripts: implications for mitogen and lymphokine directed class-switching, Intl. Immunol. 2:621-627 (1990)
- \_\_\_\_\_ C51 Rusconi et al., Transmission and expression of a specific pair of rearranged immunoglobulin  $\mu$  and  $\kappa$  genes in a transgenic mouse line, Nature 314:330-334 (1985)
- \_\_\_\_\_ C52 Sato et al., Physical linkage of a variable region segment and the joining region segment of the human immunoglobulin heavy chain locus, Biochem. Biophys. Res. Comm. 154:264-271 (1988)
- \_\_\_\_\_ C53 Sevidy and Sharp, Positive genetic selection for gene disruption in mammalian cells by homologous recombination, Proc. Natl. Acad. Sci. USA 86:227-231 (1989)
- \_\_\_\_\_ C54 Shimizu et al., Trans-splicing as a possible molecular mechanism for the multiple isotype expression of the immunoglobulin gene, J. Exp. Med. 173:1385-1393 (1991)
- \_\_\_\_\_ C55 Shimizu et al., Immunoglobulin double-isotype expression by trans-mRNA in a human immunoglobulin transgenic mouse, Proc. Natl. Acad. Sci. USA 86:8020-8023 (1989)
- \_\_\_\_\_ C56 Sideras et. al., Production of sterile transcripts of  $C\gamma$  genes in an IgM-producing human neoplastic B cell line that switches to IgG-producing cells, Intl. Immunol. 1: 631-642 (1989)
- \_\_\_\_\_ C57 Siebenlist et al., Human immunoglobulin D segments encoded in tandem multigenic families, Nature 294:631-635 (1981)
- \_\_\_\_\_ C58 Smithies et al., Insertion of DNA sequences into the human chromosomal  $\beta$ -globulin locus by homologous recombination, Nature 317:230-234 (1985)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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1804OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

- \_\_\_\_\_ C59 Snapper et. al., Interferon- $\gamma$  and B cell stimulatory factor-1 reciprocally regulate Ig isotype production, Science 236:944-947 (1987)
- \_\_\_\_\_ C60 Song et al., Accurate modification of a chromosomal plasmid by homologous recombination in human cells, Proc. Natl. Acad. Sci. USA 84:6820-6824 (1987)
- \_\_\_\_\_ C61 Soriano et al., Targeted disruption of the c-src proto-oncogene leads to osteopetrosis in mice, Cell 64:693-702 (1991)
- \_\_\_\_\_ C62 Stavnezer et al., Immunoglobulin heavy-chain switching may be directed by prior induction of transcripts from constant-region genes, Proc. Natl. Acad. Sci. (U.S.A.) 85:7704-7708 (1988)
- \_\_\_\_\_ C63 Storb, Immunoglobulin gene analysis in transgenic mice, in Immunoglobulin Genes, Academic Press Limited, pp. 303-326 (1989)
- \_\_\_\_\_ C64 Storb et al., Expression, allelic exclusion and somatic mutation of mouse immunoglobulin kappa genes, Immunological Reviews 89:85-102 (1986)
- \_\_\_\_\_ C65 Szurek et al., Complete nucleotide sequence of the murine  $\gamma 3$  switch region and analysis of switch recombination in two  $\gamma 3$ -expressing hybridomas, J. Immunol. 135:620-626 (1985)
- \_\_\_\_\_ C66 Tahara et al., HLA antibody responses in HLA class I transgenic mice, Immunogenetics 32:351-360 (1990)
- \_\_\_\_\_ C67 Taussig et al., Regulation of immunoglobulin gene rearrangement and expresion, immunology today 10:143-146 (1989)

EXAMINERDATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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December 7, 1994Group  
1804OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

- \_\_\_\_\_ C68 Thomas and Capecchi, Site-directed mutagenesis by gene targeting in mouse embryo-derived stem cells, Cell 51:503-512 (1987)
- \_\_\_\_\_ C69 Thomas et al., High frequency targeting of genes to specific sites in the mammalian genome, Cell 44:419-428 (1986)
- \_\_\_\_\_ C70 Uhlmann and Peyman, Antisense Oligonucleotides: A new therapeutic principle, Chemical Reviews 90:544-584 (1990)
- \_\_\_\_\_ C71 Weaver et al., A transgenic immunoglobulin Mu gene prevents rearrangement of endogenous genes, Cell 42:117-127 (1985)
- \_\_\_\_\_ C72 Yamamura et al., Cell-type-specific and regulated expression of a human  $\lambda 1$  heavy-chain immunoglobulin gene in transgenic mice, Proc. Natl. Acad. Sci. USA 83:2152-2156 (1986)
- \_\_\_\_\_ C73 Yancopoulos and Alt, Regulation of the assembly and expression of variable-region genes, Ann. Rev. Immunol. 4:339-368 (1986)
- \_\_\_\_\_ C74 Yancopoulos and Alt, Developmentally controlled and tissue-specific expression of unrearranged  $V_H$  gene segments, Cell 40:271-281 (1985)
- \_\_\_\_\_ C75 Yasui et al., Class switch from  $\mu$  to  $\delta$  is mediated by homologous recombination between  $\sigma_\mu$  and  $\epsilon_\mu$  sequences in human immunoglobulin gene loci, Eur. J. Immunol. 19:1399-1403 (1989)
- \_\_\_\_\_ C76 Zijlstra et al., Germ-line transmission of a disrupted  $\beta_2$ -microglobulin gene produced by homologous recombination in embryonic stem cells, Nature 342:435-438 (1989)
- \_\_\_\_\_ C77 Zimmer and Gruss, Production of chimaeric mice containing embryonic stem (ES) cells carrying a homoeobox Hox 1.1 allele mutated by homologous recombination, Nature 338:150-153 (1989)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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NILS LONBERG and ROBERT M. KAYFiling Date  
December 7, 1994Group  
1804OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

- \_\_\_\_\_ C78 Buttin, Exogenous Ig gene rearrangement in transgenic mice: a new strategy for human monoclonal antibody production? TIG - Vol 3, no. 8 (August 1987)
- \_\_\_\_\_ C79 Green et al., Antigen-specific human monoclonal antibodies from mice engineered with human Ig heavy and light chain YACs, Nature Genetics 7:13-21 (1994)
- \_\_\_\_\_ C80 Hofker et al., Complete physical map of the human immunoglobulin heavy chain constant region gene complex, Proc. Natl. Acad. Sci. USA 86:5567-5571 (1989)
- \_\_\_\_\_ C81 Humphries et al., A new human immunoglobulin V<sub>H</sub> family preferentially rearranged in immature B-cell tumours, Nature 331:446-449 (1988)
- \_\_\_\_\_ C82 Jaenisch, Transgenic Animals, Science 240:1468-1474 (1988)
- \_\_\_\_\_ C83 Jakobovits et al., Analysis of homozygous mutant chimeric mice: Deletion of the immunoglobulin heavy-chain joining region blocks B-cell development and antibody production, Proc. Natl. Acad. Sci. USA 90:2551-2555 (1993)
- \_\_\_\_\_ C84 Lonberg et al., Antigen-specific human antibodies from mice comprising four distinct genetic modifications, Nature 368:856-859 (1994)
- \_\_\_\_\_ C85 Miller et al., Structural alterations in J regions of mouse immunoglobulin  $\lambda$  genes are associated with differential gene expression, Nature 295:428-430 (1982)
- \_\_\_\_\_ C86 Morrison, Success in specification, Nature 368:812-813 (1994)
- \_\_\_\_\_ C87 Pettersson et al., A second B cell-specific enhancer 3' of the immunoglobulin heavy-chain locus, Nature 344:165-168 (1990)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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1804OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

- \_\_\_\_\_ C88 Scangos and Bieberich, Gene transfer into mice, Advances in Genetics 24: 285-322 (1987)
- \_\_\_\_\_ C89 Stites et al., Basic & Clinical Immunology, page 50 (1984)
- \_\_\_\_\_ C90 Tanaka et al., An antisense oligonucleotide complementary to a sequence in I $\gamma$ 2b Increase  $\gamma$ 2b germline transcripts, stimulates B cell DNA synthesis, and inhibits immunoglobulin secretion, The Journal of Experimental Medicine 175:597-607 (1992)
- \_\_\_\_\_ C91 Taki et al., Targeted insertion of a variable region gene into the immunoglobulin heavy chain locus, Science 262:1268-1271 (1993)
- \_\_\_\_\_ C92 Taylor et al., Human immunoglobulin transgenes undergo rearrangement, somatic mutation and class switching in mice that lack endogenous IgM, International Immunology 6:579-591 (1994)
- \_\_\_\_\_ C93 Vlasov et al., Arrest of immunoglobulin G mRNA translation in vitro with an alkylating antisense oligonucleotide derivative, Chemical Abstracts, page 28, 112:229433X (1990)
- \_\_\_\_\_ C94 Weiss, Mice making human-like antibodies, The Washington Post, April 28, 1994
- \_\_\_\_\_ C95 M. Neuberger (1996) Nature Biotechnology 14:826. Generating high-avidity human mabs in mice
- \_\_\_\_\_ C96 D. Fishwild et al. (1996) Nature Biotechnology 14:845. High-Avidity human IgGk monoclonal antibodies from a novel strain of minilocus transgenic mice

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EXAMINERDATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>						
___ C97	Chen et al. (1989) Arthritis Rheum. 32:72 Title: Characterization Of Two Immunoglobulin V <sub>H</sub> Genes That Are Homologous To Human Rheumatoid Factors					
___ C98	Jonker et al. (1993) Clin. Exp. Immunol. 93:301-307 Title: <i>In Vivo</i> Treatment With A Monoclonal Chimeric Anti-CD4 Antibody Results In Prolonged Depletion Of Circulating CD4+ Cells in Chimpanzees					
___ C99	Knox et al. (1991) Blood 77:20 Title: Observations On The Effect Of Chimeric Anti-CD4 Monoclonal Antibody In Patients With Mycosis Fungoides					
___ C100	Powelson et al. (1994) Transplantation. 57:788-793 Title: CDR-Grafted OKT4A Monoclonal Antibody In Cynomolgus Renal Allograft Recipients					
___ C101	Tomlinson et al. (1992) J. Mol. Biol. 227:776 Title: The Repertoire Of Human Germline V <sub>H</sub> Sequences Reveals About Fifty Groups of V <sub>H</sub> Segments With Different Hypervariable Loops					
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